

1600 #11

1653

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/752,533

DATE: 12/13/2001

TIME: 10:39:50

Input Set : A:\25231-20057.04 seq. list..txt

Output Set: N:\CRF3\12132001\I752533.raw

ENTERED

RECEIVED

FEB 06 2002

TECH CENTER 1600/2900

4 <110> APPLICANT: Coutts, Stephen M.
5 Jones, David S.
6 Livingston, Douglas A.
7 Yu, Lin
9 <120> TITLE OF INVENTION: CONJUGATES OF CHEMICALLY DEFINED
10 NON-POLYMERIC VALENCY PLATFORM MOLECULES AND BIOLOGICALLY
11 ACTIVE MOLECULES
13 <130> FILE REFERENCE: 252312005704
15 <140> CURRENT APPLICATION NUMBER: 09/752,533
16 <141> CURRENT FILING DATE: 2000-12-29
18 <150> PRIOR APPLICATION NUMBER: 08/769,041
19 <151> PRIOR FILING DATE: 1996-12-18
21 <150> PRIOR APPLICATION NUMBER: 08/453,254
22 <151> PRIOR FILING DATE: 1995-05-30
24 <150> PRIOR APPLICATION NUMBER: 08/152,506
25 <151> PRIOR FILING DATE: 1993-11-15
27 <150> PRIOR APPLICATION NUMBER: 07/914,869
28 <151> PRIOR FILING DATE: 1992-07-15
30 <150> PRIOR APPLICATION NUMBER: 08/118,055
31 <151> PRIOR FILING DATE: 1993-09-08
33 <160> NUMBER OF SEQ ID NOS: 9
35 <170> SOFTWARE: FastSEQ for Windows Version 4.0
37 <210> SEQ ID NO: 1
38 <211> LENGTH: 26
39 <212> TYPE: PRT
40 <213> ORGANISM: Apis cerana
42 <220> FEATURE:
43 <221> NAME/KEY: AMIDATION
44 <222> LOCATION: 26
45 <223> OTHER INFORMATION: Gln attached to an Amide
47 <400> SEQUENCE: 1
48 Gly Ile Gly Ala Val Leu Lys Val Leu Thr Thr Gly Leu Pro Ala Leu
49 1 5 10 15
50 Ile Ser Trp Ile Lys Arg Lys Arg Gln Xaa
51 20 25
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 8
55 <212> TYPE: PRT
56 <213> ORGANISM: Apis cerana
58 <400> SEQUENCE: 2
59 Ile Lys Arg Lys Arg Gln Gln Gly
60 1 5
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 9
64 <212> TYPE: PRT
65 <213> ORGANISM: Apis cerana
67 <400> SEQUENCE: 3

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68 Trp Ile Lys Arg Lys Arg Gln Gln Gly
69 1 5
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 10
73 <212> TYPE: PRT
74 <213> ORGANISM: Apis cerana
76 <400> SEQUENCE: 4
77 Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly
78 1 5 10
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 11
82 <212> TYPE: PRT
83 <213> ORGANISM: Apis cerana
85 <400> SEQUENCE: 5
86 Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly
87 1 5 10
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 12
91 <212> TYPE: PRT
92 <213> ORGANISM: Apis cerana
94 <400> SEQUENCE: 6
95 Cys Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly
96 1 5 10
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 10
100 <212> TYPE: PRT
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Synthetic peptide derived from melittin
106 <400> SEQUENCE: 7
107 Cys Trp Ile Lys Arg Lys Arg Gln Gln Gly
108 1 5 10
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 11
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Synthetic peptide derived from melittin
118 <400> SEQUENCE: 8
119 Trp Ile Lys Arg Lys Arg Gln Gln Lys Cys Gly
120 1 5 10
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 12
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Synthetic peptide derived from melittin
130 <400> SEQUENCE: 9
131 Cys Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly

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132 1

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10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/752,533

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Input Set : A:\25231-20057.04 seq. list..txt

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L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1